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ence for a year or two. It was found within the radius of Curtis's earliest botanical field, about four miles from this place."

Ferns Wanted.—Mr. Hugo Andriessen, of Beaver, Pa., would like to exchange specimens of ferns with other collectors of these plants. A list of his desiderata will be sent upon application.

Botanical Literature.

Descriptive Catalogue of the North American Hepaticæ North of Mexico. By Lucien M. Underwood, Ph. D. Bull. Ill. State Lab. Nat. Hist., Vol. ii.

The appearance of a work on the Hepaticæ so soon after the publication of the Manual of N. A. Mosses will give students of the Bryophytes great assistance, and, with the author, we hope "that it may serve as a stimulus to more work in this direction, and lay in store material for a more critical examination of this group in the future." "No attempt has been made to publish new species, the writer believing that too many have already been described from insufficient data, and considering it far more necessary to set in order those already published." The catalogue therefore incorporates all of the work of C. F. Austin so far as accessible, Watson's MS. of Californian Hepaticæ and valuable information gained from Dr. Bolander, Prof. Forbes and others. There is a brief introduction on the characters, classification and bibliography, and three appendices on the geographical distribution, Lindberg's classification, and Dumortier's. The descriptions are very good, as is also the plan of giving references to descriptions and plates in other works, though a complete synonymy for each species would have been of great value. We note the omission throughout of the last *n* in *Jungermannia*. The author concludes as follows: "It is hoped that persons receiving this work will aid in further critical study of this group by communicating specimens of all forms found in their own localities."—E. G. KNIGHT. *Check-List of North American Gamopetalæ*, 8vo, pamph., pp. 43.

Under this title, Mr. H. N. Patterson, of Oquawka, Ill., has published, in convenient form for reference, a list of all the systematic names given in Dr. Gray's recently issued Synoptical Flora. It will prove of value not only as a check-list, but also as a record of the changes that have been introduced into botanical nomenclature, for consultation by those who do not possess Dr. Gray's work.

Select Extra-Tropical Plants readily eligible for industrial Culture or Naturalization, with Indications of their Native Countries and some of their Uses. By Baron Ferd. Von Mueller, K.C.M.G. 8vo., pp. 450. Detroit: George S. Davis. 1884.

This is a work which has already appeared in Victoria, New South Wales, India, and several European countries, and which is now revised and still further augmented, for the especial use of North American readers. Its object is to bring together in condensed form, and in popular languages, data concerning the characteristics and economic uses of all the principal plants, herbaceous and arboreal, that have been found to prosper in extra-tropical countries, and to point out the particular sections to which they are adapted.